The Crate Sum consists of 7 modules:

VME_Interface: Where the VME interfacing is performed. Identical to that of PreFRED.
Control: Where the CS board handling occurs. It interfaces with the VME section and is similar to the Control module of DIRAC.
P3: Reads in the ET and trigger information from DIRAC.
P3_Latch: Latches the raw DIRAC ET and trigger data from the P3 module.
SUM: Consists of a single Altera FLEX 10K70 PLD.

... and passes out the summed energy and trigger data to the Front Panel and to the DAQ module.

DAQ: Stores the raw ET and trigger data from DIRAC as well as the summed ET and trigger information from the Sum module.
FP: Front Panel section. Controls diagnostic lights and outputs results to PreFRED.